

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	182471	block and round	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 15:40
S2	797779	key	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 15:40
S3	1459	cipher adj key	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 15:40
S4	549	S3 and encrypt	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 15:40
S5	59471	encrypt or encrypts or encryption	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 15:40
S6	4064	S5 and S1	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 15:40
S7	3228	S6 and S2	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 15:41
S8	1825	parameter with round	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 15:41

## EAST Search History

S9	92	S8 and S7	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 15:41
S10	54	S9 and DES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 16:23
S11	37	(parameter with round) same DES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 16:25
S12	4124	data adj encryption adj standard	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 16:23
S13	39	(parameter with round) and S12	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 16:24
S14	608	(parameter with round) and DES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 16:25
S15	23	S14 and ((round adj key) or subkey or (auxilliary adj key))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 16:30
S16	21	S14 and ((round adj key))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 16:30

## EAST Search History

S17	0	09/496065	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 15:32
S18	0	"09496065"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 15:32
S19	2730	smartcard	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:25
S20	25704	smart adj card	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:25
S21	26194	IC adj card	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:25
S22	52051	S19 or S20 or S21	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:25
S23	3711	S22 and biometric	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:34
S24	2051	S23 and terminal	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:26

## EAST Search History

S25	2068	authenticate with terminal	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:31
S26	104	S25 and S23	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:26
S27	769	authenticate adj3 terminal	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:31
S28	30	S27 and S23	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:31
S29	1931	S23 and PIN	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:41
S30	0	S29 and (((presents or displays) adj PIN) adj (user or client or customer))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:35
S31	0	S29 and (((presents or displays) adj PIN) adj3 (user or client or customer))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:35
S32	5	S29 and (((presents or displays) adj3 PIN) adj3 (user or client or customer))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:36

## EAST Search History

S33	262	terminal with (authenticate or authentication or authenticates) with (mutual or mutually)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:37
S34	23	S33 and S23	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:37
S35	0	S29 and @ad<"07301999"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:42
S36	0	S29 and @ad<"2000"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:42
S37	0	S22 and @ad<"2000"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:42
S38	2419	present with (code or image) with (client or user)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 21:00
S39	2421	present with (code or image cipher) with (client or user)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 21:00
S40	2421	present with (code or image or cipher) with (client or user)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/20 18:53

## EAST Search History

S41	399	(present with (code or image or cipher) with (client or user)) same screen	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 21:04
S42	40	S40 and (authenticate or authentication or authenticating).ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 21:04
S43	17858	((display or displayed or present or presented) with (code or image or cipher) with (client or user)) same screen	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 21:04
S44	59676	((display or displayed or present or presented) with (code or image or cipher) with (client or user))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 21:04
S45	664	S44 and (authenticate or authentication or authenticating).ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 21:04
S46	146	S45 and biometric	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 21:20
S47	765	(authenticate or authentication or authenticating) adj terminal	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 21:20
S48	274	(713/169).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2005/12/07 21:21
S49	29	S48 and biometric	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/12/07 21:46

## EAST Search History





S50	280660	(display or present) same (user or client)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/12/07 21:47
S51	10	S49 and S50	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/12/07 21:47
S52	70	"5272754"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:05
S58	41	"6261836"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:16
S59	13	"6,337,200"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:16
S60	308	(713/169).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2006/05/20 18:56
S61	576	(713/186).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2006/05/20 18:56
S62	503	(726/5).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2006/05/20 18:56
S63	114	(726/20).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2006/05/20 18:56
S64	2552	biometric.ti.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/20 19:01

## EAST Search History

S65	14989	authentication.ti.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/20 19:13
S66	462	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/20 19:13
S67	58	S66 and pin and fingerprint	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/20 19:19
S68	15050	data adj carrier	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/20 19:16
S69	2472	secret adj code	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/20 19:17
S70	70	"5272754"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/20 19:17
S71	26	S70 and decrypt	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/20 19:18
S72	35	S70 and decrypt\$	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/20 19:17



## EAST Search History

S73	1	S69 and S71	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/20 19:18
S74	1	S68 and S71	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/20 19:18
S75	685	(parameter with round) and DES	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/20 19:19
S76	4586	data adj encryption adj standard	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/20 19:19
S77	42	(parameter with round) and S76	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/20 19:19
S78	254	secure adj memory and biometric	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/05/20 19:19
S79	 757	(726/5).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/06/05 22:19
S80	 401	(713/169).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/06/05 22:19
S81	 172	(726/20).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/06/05 22:20
S82	 816	(713/186).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/06/05 22:21